## CALIFORNIA DEPARTMENT OF TRANSPORTATION

#### **SUMMARY**

# PRICE INDEX FOR SELECTED HIGHWAY CONSTRUCTION ITEMS 4TH QUARTER ENDING DECEMBER 31, 2002

Index this quarter	153.7
Point change from last quarter	-21.8
Percentage changes from last quarter	-12.4%
Index last 12 months	142.2
Point change from previous report	-7.5
Percentage changes from previous report	-5.0%

Average number of bidders this quarter	6.4
Change in number of bidders from last quarter	+2.1

NOTE: All information shown in this publication was assembled using 1987 base year.

### CALIFORNIA DEPARTMENT OF TRANSPORTATION

#### HIGHWAY CONSTRUCTION COST INDEX

4TH QUARTER ENDING DECEMBER, 2002

Prepared by Division of Engineering Services - Office Engineer

**NOTE:** All information shown in the publication was assembled using 1987 base year

The California Highway Construction Cost Index for the fourth quarter of 2002 stands at 153.7, down 21.8 points (12.4 percent) from the third quarter of 2002 index of 175.5. The Index for the year-to-date (January 1, 2002 through December 31, 2002) is 142.2, down 7.5 points (5.0 percent) from the third quarter 2002 year-to-date index of 149.7.

Cost decreases were recorded in Roadway Excavation, Bar Reinforcing Steel and Structural Steel. Cost increases were recorded in Aggregate Base, Asphalt Concrete Pavement, Portland Cement Concrete (Pavement), and Portland Cement Concrete (Structure).

The average number of bidders per project in the fourth quarter of 2002 was 6.4, up 2.1 bidders per project as compared to 4.3 for the third quarter of 2002 and down 0.2 as compared to 6.6 for the corresponding quarter in 2001.

The project values which provided the input for the preparation of this quarter's index are distributed as follows:

	NUMBER					
	RANGE		OF PROJECTS	%	PROJECTS	%
UP	ТО	50,000	0	0	0	0
50,000	ТО	100,000	4	3.57	\$351,201	0.07
100,000	ТО	250,000	27	24.11	\$4,509,635	1.00
250,000	ТО	500,000	22	19.64	\$8,059,422	1.78
500,000	ТО	1,000,000	20	17.86	\$14,502,440	3.20
1,000,000	ТО	2,500,000	15	13.39	\$22,622,283	4.99
2,500,000	ТО	5,000,000	10	8.93	\$37,742,356	8.33
5,000,000	AND	ABOVE	14	12.5	\$365,406,661	80.63
		TOTAL	112	100.00	\$453,193,997	100.00

There were fourteen contracts over \$5,000,000 opened during the third quarter. The Projects include:

- 1. Construct Roadway and Rehabilitate Bridge in San Bernardino County near Barstow on Route 40 at Various Locations from 1.3 kilometers East of Route 15/40 Separation to Red Wash Bridge. The low bid of \$5,685,766.00 was submitted by Yeager Skanska, Incorporated.
- 2. Construct Maintenance Station Building in Santa Clara County in San Jose at North of Monterey Road and Bernal Road Intersection. The low bid of \$5,925,512.00 was submitted by R G W Construction Inc / Barry Swenson Builder, a Joint Venture.
- 3. Construct Sound Wall in Los Angeles County in Los Angeles and Burbank on Route 134 from Route 134/170 Separation to 0.2 kilometer West of Pass Avenue Overcrossing and on Route 170 from Route 134/170 Separation to Riverside / Tujunga Undercrossing. The low bid of \$6,044,444.00 was submitted by Ortiz Enterprises, Incorporated.
- 4. Install Fiber Optic / Closed Circuit Television Systems and Maintenance Vehicle Pullouts in San Diego County in San Diego on Routes 8, 15 and 805 at Various Locations. The low bid of \$6,924,832.00 was submitted by Royal Electric Company.
- 5. Rehabilitate Roadway in Lassen County near Hallelujah Junction on Rote 395 from 6.4 kilometers South of Long Valley Creek Bridge No. 7-23 to 0.2 kilometer North of Willow Ranch Creek Bridge. The low bid of \$10,780,132.50 was submitted by FNF Construction, Incorporated.
- 6. Construct Interchange Improvement and Southbound Auxiliary Lane in San Diego County in San Diego on Route 15 from 0.5 kilometer North of Poway Road Overcrossing to 0.1 kilometer South of Carmel Mountain Road Overcrossing and on State Route 56 from 1.2 kilometers West to 0.3 kilometer East of Route 56/15 Separation. The low bid of \$13,600,415.00 was submitted by F C I Constructors, Incorporated.
- 7. Construct 4-Lane Expressway in Imperial County in and near Brawley on Route 111 from Keystone Road to Route 78. The low bid of \$14,142,745.00 was submitted by Kiewit Pacific Company.
- 8. Construct Foundations and Columns for Bridge No. 34-0006 in San Francisco County in San Francisco on Route 80 at Yerba Buena Island. The low bid of \$14,898,737.40 was submitted by West Bay Builders, Incorporated.
- 9. Construct Operational Improvements in San Diego County in San Diego on Route 15 from 0.2 kilometer South of Miramar Way Overcrossing to 1.4 kilometers North of Mira Mesa Boulevard Undercrossing. The low bid of \$16,255,000.00 was submitted by Coffman Specialties, Incorporated.
- 10. Widen Highway and Replace and Widen Bridge in Los Angeles County on Routes 126 from 0.8 kilometer West to 0.5 kilometer East of Route 5/126 Separation and on Route 5 from 1.1 kilometers South to 1.2 kilometers North of Route 5/126 Separation and at Traffic Management Center. The low bid of \$16,968,541.08 was submitted by Security Paving Company, Incorporated.
- 11. Realign Roadway in Orange County in Laguna Beach and Irvine on Route 133 from Route 73/133 Separation to 0.5 kilometer South of Route 403/133 Separation. The low bid of \$18,384,189.10 was submitted by Sema Construction, Incorporated.

- 12. Construct Auxiliary Lane, Sound Walls, Retaining Walls and Bike Path in San Mateo County in San Mateo, Belmont, San Carlos and Redwood City on Route 101 from 0.2 kilometer South of Route 84/101 Separation to 0.2 kilometer South of Hillsdale Boulevard Overcrossing. The low bid of \$22,950,265.00 was submitted by De Silva Gates Construction.
- 13. Construct 4-Lane Freeway and Interchange in Solano County in Vallejo on Route 37 from 0.1 kilometer West of Enterprise Street to 0.6 kilometer East of Diablo Street. The low bid of \$34,967,241.60 was submitted by O C Jones & Sons & M C M Construction, Incorporated a Joint Venture.
- 14. Seismic Retrofit in City and County of San Francisco on Route 80 from Fifth Street to San Francisco-Oakland Bay Bridge. The low bid of \$177,878,840.40 was submitted by Tutor-Saliba Corporation.

The Federal Highway Administration Price Trends for Federal-Aid Highway Construction are based on information received for Federal-Aid construction contracts over \$500,000. Effective the first quarter of 1990 the Federal Highway Administration converted their index to 1987=100 base. The composite index for selected construction items the third quarter of 2002 is 148.6, down 8.9 points from 157.5 the second quarter of 2002.

The Engineering News-Record's Construction Cost Index average for the fourth quarter of 2002 is 611.9, down 2.1 points from 614.0 last quarter. Their price index uses a 1967=100 base.

The U. S. Bureau of Labor Statistics' Consumer Price Index average for the fourth quarter 2002 is 181.2, for U. S. City average of all Urban Consumers, up 0.6 point from 180.6 last quarter. Their Price Index uses a 1982-84=100 base.

The California Highway Construction Cost Indices and the Federal Highway Administration Composite Indices for selected construction items are based on 1987=100 and are shown on the accompanying graph (Exhibit D). The indices plotted are on a yearly average basis, which describes the trends more clearly by smoothing out the fluctuations between the individual quarters.

#### Construction item costs based on English units.

Roadway Excavation: \$5.40 per cubic yard

The price decreased \$5.37 from the average unit price of \$10.77 per cubic yard last quarter. Unit bid prices ranged from \$2.87 to \$1009.21 per cubic yard.

Aggregate Base: \$12.80 per ton

The price increased \$0.68 from the average unit price of \$12.12 per ton last quarter. Unit bid prices ranged from \$6.04 to \$88.53 per ton.

Asphalt Concrete Pavement: \$50.62 per ton

The unit price increased \$1.06 from the average unit price of \$49.56 per ton last quarter. Unit prices ranged from \$34.61 to \$725.75 per ton.

Portland Cement Concrete (Pavement): \$139.49 per cubic yard

The unit price increased \$27.71 from the average unit price of \$111.78 per cubic yard last quarter. Unit prices ranged from \$114.68 to \$526.01 per cubic yard.

Portland Cement Concrete (Structure): \$369.91 per cubic yard

The unit price increased \$52.12 from the average unit price of \$317.79 per cubic yard last quarter. Unit prices ranged \$170.50 to \$5,734.16 per cubic yard.

Bar Reinforcing Steel: \$0.51 per pound

The unit price decreased \$0.03 from the average unit price of \$0.54 per pound last quarter. Unit prices ranged from \$0.43 to \$4.08 per pound.

Structural Steel: \$3.26 per pound

The unit price decreased \$1.52 from the average unit price of \$4.78 per pound last quarter. Unit prices ranged from \$0.82 to \$9.07 per pound.

#### Construction item costs based on Metric units.

#### Roadway Excavation: \$7.07 per cubic meter

The price decreased \$7.02 from the average unit price of \$14.09 per cubic meter last quarter. Unit bid prices ranged from \$3.75 to \$1,320.00 per cubic meter.

#### Aggregate Base: \$14.11 per tonn

The price increased \$0.75 from the average unit price of \$13.36 per tonn last quarter. Unit bid prices ranged from \$6.65 to \$97.58 per tonn.

#### Asphalt Concrete Pavement: \$55.80 per tonn

The unit price increased \$1.17 from the average unit price of \$54.63 per tonn last quarter. Unit prices ranged from \$38.15 to \$800.00 per tonn.

#### Portland Cement Concrete (Pavement): \$182.45 per cubic meter

The unit price increased \$36.25 from the average unit price of \$146.20 per cubic meter last quarter. Unit prices ranged from \$150.00 to \$688.00 per cubic meter.

#### Portland Cement Concrete (Structure): \$483.82 per cubic meter

The unit price increased \$68.17 from the average unit price of \$415.65 per cubic meter last quarter. Unit prices ranged \$223.00 to \$7,500.00 per cubic meter.

#### Bar Reinforcing Steel: \$1.13 per kilogram

The unit price decreased \$0.07 from the average unit price of \$1.20 per kilogram last quarter. Unit prices ranged from \$0.95 to \$9.00 per kilogram.

#### Structural Steel: \$7.19 per kilogram

The unit price decreased \$3.35 from the average unit price of \$10.54 per kilogram last quarter. Unit prices ranged from \$1.8 to \$20.00 per kilogram.

#### EXHIBIT A

## PRICE INDEX FOR SELECTED CALIFORNIA CONSTRUCTION ITEMS 1987 = 100

			LAST 12	
YEAR		<b>QTRLY</b>	MONTHS	ANNUAL
				30.0 31.2
				45.6
				46.7
				47.7 53.7
				62.1
				80.1
				82.1
				90.6 81.3
				81.9
				93.3
				92.7
				95.0
				100.0 104.4
				111.3
1990				113.5
				108.2
				106.8 113.1
				119.0
1995	(1st Quarter)	104.3	111.8	
1995	(2nd Quarter)	104.3 130.8 127.8	110.5	
1995	(3rd Quarter)(4th Quarter)	127.8 125.9	113.3	
1995	(Year)	125.9		115.0
1996	(1st Quarter)	111.7	116.3	
	(2nd Quarter)	119.3	115.7	
	(3rd Quarter)(4th Quarter)	118.2 150.9	115.8	
1990	(Year)			119.2
1997	(1st Quarter)	157.0 108.2	124.7	
1997	(2nd Quarter)	108.2	119.6	
1997	(3rd Quarter)(4th Quarter)	144.8 155.1	125.4	
1991	(Year)			124.8
1998		113.0	120.1	
	(2nd Quarter)	131.6 162.8	130.4	
	(3rd Quarter)	102.0	133.3	
1998	(4th Quarter)(Year)	126.5		128.6
1999	(1st Quarter)	129.4	133.5	120.0
1999	(1st Quarter)(2nd Quarter)		136.4	
	(3rd Quarter)	174.5	136.6	
1999	(4th Quarter) (Year)	115.2		139.2
2000	(1st Quarter)	162.7	148.1	100.2
2000	(2nd Quarter)	167.6	156.5	
	(3rd Quarter)	167.6 132.3	144.7	
2000	(4th Quarter) (Year)	132.0		146.2
2001	(1st Quarter)	140.1	137.0	140.2
2001	(2nd Quarter)	141.6	134.8	
	(3rd Quarter)	167.5	141.6	
2001	(4th Quarter) (Year)	183.3		15/1
2002	(1st Quarter)	145 1	157.5	154.1
	(2nd Quarter)	145.1 129.5 175.5	148.4	
2002	(3rd Quarter)	175.5	149.7	
2002	(4th Quarter)	153.7		440.0
	(Year)			142.2

#### EXHIBIT B

#### **ENGLISH UNITS**

#### CALIFORNIA DEPARTMENT OF TRANSPORTATION AVERAGE HIGHWAY CONTRACT PRICES

	ROADWAY EXCAVATION "1"	AGGREGATE BASE	ASPHALT CONCRETE PAVEMENT	PCC <u>PAVEMENT</u>	CLASS "A' PCC STRUCTURE	BAR REINFORCING STEEL	STRUCTURAL STEEL "2"
1072	PER CU YD	PER TON	PER TON	PER CU YD	PER CU YD	PER LB	PER LB
1972 1973	0.95 0.75	3.21 3.14	8.22 9.02	19.23	82.08 93.60	0.159 0.169	0.446
1974				19.24			0.635
	1.26	4.23	13.01	28.59	115.19	0.329	0.987
1975	1.19 1.32	4.70 4.70	14.24 13.67	30.63 29.64	132.10 143.05	0.239	0.838
1976						0.223	0.504 1.228
1977	1.76	5.44 6.18	15.15 17.70	35.17 41.77	150.03	0.239 0.276	0.814
1978	1.85		17.70	52.39	180.77		
1979	2.36	7.49	22.40	52.39 55.18	234.24	0.383	1.960
1980	2.10	8.38	25.51		235.45	0.378	1.942
1981 1982	3.14 2.58	8.63 7.56	28.53 24.69	59.45 57.10	226.84 224.72	0.386 0.320	2.091 2.155
1983	2.10	9.20	27.57	52.04	225.84	0.320	2.155
1984	3.19	13.67	28.38	55.79	238.48	0.335	2.155
1985	2.77	11.55	30.15	64.13	232.39	0.373	2.133
1986	3.01	12.76	28.82	60.49	249.74	0.413	2.388
	2.97	17.57	27.54	70.62	280.40	0.412	2.546
1987 1988	4.16	10.13	27.46	58.66	284.55	0.410	3.956
1989	4.19	10.13	29.43	73.78	303.49	0.440	3.103
1990	4.73	12.05	30.77	68.93	295.24	0.469	2.209
1991	3.08	10.07	33.43	62.64	295.24	0.409	2.284
1991	3.62						3.073
1993	4.53	9.76 9.89	32.46 35.41	66.78 66.76	265.31	0.419	
1993	4.68				243.79	0.464	2.706 2.334
1st Quarter 1995	2.43	10.39 10.22	37.15 31.18	66.45 53.16	277.92 327.24	0.547 0.512	2.010
2nd Quarter 1995	6.41	10.22	34.65	88.16	299.87	0.512	2.747
3rd Quarter 1995	5.81	9.90	41.55	74.40	272.87	0.328	2.268
4th Quarter 1995	5.05	9.81	35.20	65.71	335.51	0.472	3.333
Year 1995	4.10	10.18	35.20 35.29	63.85	298.80	0.332	2.266
1st Quarter 1996	3.10	8.85 9.55	40.17 37.15	68.77	290.05 310.56	0.457	1.737 2.560
2nd Quarter 1996 3rd Quarter 1996	4.33 3.63	11.09	37.13	53.69	329.35	0.536 0.488	2.334
4th Quarter 1996	8.40	10.22	38.46	65.96 88.48	339.02	0.488	2.728
Year 1996	3.80	9.74	37.66	65.93	321.88	0.536	2.172
1st Quarter 1997	5.79	10.46	39.05	248.72	376.38	0.610	2.050
2nd Quarter 1997	3.80	9.82	34.23	76.68	267.68	0.444	3.418
3rd Quarter 1997	8.23	10.39	38.09	88.50	300.20	0.537	2.220
4th Quarter 1997	8.79	11.82	39.85	76.40	354.50	0.508	2.530
Year 1997	5.25	10.29	36.07	78.48	308.54	0.496	2.337
1st Quarter 1998	4.24	9.37	35.41	66.99	283.64	0.455	1.784
2nd Quarter 1998	4.71	12.13	37.63	89.68	336.27	0.433	2.963
3rd Quarter 1998	8.39	12.13	45.23	101.57	361.63	0.575	2.748
4th Quarter 1998	3.95	12.41	43.23	83.00	318.20	0.575	2.746
Year 1998	4.95	11.55	38.78	75.91	319.95	0.519	2.595
1st Quarter 1999	6.18	11.94	40.06	57.07	276.07	0.523	3.893
2nd Quarter 1999	6.35	12.74	40.62	94.56	331.12	0.485	3.161
3rd Quarter 1999	8.79	13.93	39.80	78.28	479.02	0.643	2.687
4th Quarter 1999	3.24	12.22	39.83	95.85	264.92	0.556	4.624
Year 1999	6.55	12.86	40.14	77.95	321.22	0.521	3.215
1st Quarter 2000	6.32	13.62	43.83	116.91	465.68	0.512	3.370
2nd Quarter 2000	7.55	11.35	45.35	68.11	458.34	0.608	4.477
3rd Quarter 2000	4.52	11.47	44.43	82.34	325.42	0.530	3.106
4th Quarter 2000	8.34	10.20	46.91	73.21	306.83	0.487	2.509
Year 2000	6.21	11.14	45.12	78.14	363.59	0.507	2.754
1st Quarter 2001	3.84	11.14	41.01	69.94	422.47	0.673	5.139
2nd Quarter 2001	5.94	17.61	46.32	103.69	422.47 273.57	0.673	3.098
3rd Quarter 2001	8.70	14.39	50.25	60.60	360.93	0.620	4.339
4th Quarter 2001	9.66	13.60	40.00	94.05	504.96	0.599	4.339 3.725
Year 2001	5.83	14.58	43.89	94.05 75.74	425.17	0.599	3.725
1st Quarter 2002	5.63 5.45	14.56		67.38		0.612	
2nd Quarter 2002	3.45 3.18	13.17	46.47 48.50	67.60	388.68 346.91	0.497	2.401 3.050
3rd Quarter 2002	3.16 10.77	12.12	46.50 49.56	111.78	317.79	0.496	4.783
4th Quarter 2002	5.40	12.12	50.62	139.49	369.91	0.545	3.262
Year 2002	4.84	12.42	49.00	74.15	363.50	0.508	3.248
1 Edi 2002	4.04	14.44	+5.00	14.10	303.30	0.500	3.240

UNCLASSIFIED INCLUDES MISCELLANEOUS METAL

#### EXHIBIT B

#### METRIC UNITS CALIFORNIA DEPARTMENT OF TRANSPORTATION AVERAGE HIGHWAY CONTRACT PRICES

	ROADWAY EXCAVATION	AGGREGATE BASE	ASPHALT CONCRETE	PCC <u>PAVEMENT</u>	CLASS "A' PCC	BAR REINFORCING	STRUCTURAL STEEL
	"1"	DED TONN	PAVEMENT	DED MA	STRUCTURE	STEEL	"2"
1972	PER M3 1.24	<u>PER TONN</u> 3.54	<u>PER TONN</u> 9.06	<u>PER M3</u> 25.15	<u>PER M3</u> 107.36	<u>PER KG</u> 0.351	<u>PER KG</u> 0.983
1973	0.98	3.46	9.94	25.16	122.42	0.373	1.400
1974	1.65	4.66	14.34	37.39	150.66	0.725	2.176
1975	1.56	5.18	15.70	40.06	172.78	0.527	1.847
1976	1.73	5.18	15.07	38.77	187.10	0.492	1.111
1977	2.30	6.00	16.70	46.00	196.23	0.527	2.707
1978	2.42	6.81	19.51	54.63	236.44	0.608	1.795
1979	3.09	8.26	24.69	68.52	306.37	0.844	4.321
1980	2.75	9.24	28.12	72.17	307.96	0.833	4.281
1981	4.11	9.51	31.45	77.76	296.70	0.851	4.610
1982	3.37	8.33	27.22	74.68	293.92	0.705	4.751
1983 1984	2.75	10.14	30.39 31.28	68.07	295.39	0.739	4.751
1985	4.17 3.62	15.07 12.73	33.23	72.97 83.88	311.92 303.95	0.827 0.911	4.751 5.044
1986	3.94	14.07	31.77	79.12	326.65	0.908	5.265
1987	3.88	19.37	30.36	92.37	366.75	0.922	5.613
1988	5.44	11.17	30.27	76.72	372.18	0.970	8.721
1989	5.48	11.71	32.44	96.50	396.95	1.065	6.841
1990	6.19	13.28	33.92	90.16	386.16	1.034	4.870
1991	4.03	11.10	36.85	81.93	386.12	0.950	5.035
1992	4.73	10.76	35.78	87.34	347.01	0.924	6.775
1993	5.93	10.90	39.03	87.32	318.87	1.023	5.966
1994	6.12	11.45	40.95	86.91	363.51	1.206	5.146
1st Quarter 1995	3.18	11.27	34.37	69.53	428.01	1.129	4.431
2nd Quarter 1995	8.38	11.51	38.20	115.31	392.22	1.164	6.056
3rd Quarter 1995	7.60	10.91	45.80	97.31	356.90	1.041	5.000
4th Quarter 1995	6.61	10.81	38.80	85.95	438.83	1.173	7.348
Year 1995	5.36	11.22	38.90	83.51	390.82	1.100	4.996
1st Quarter 1996 2nd Quarter 1996	4.05 5.66	9.76 10.53	44.28 40.95	89.95 70.22	379.37 406.20	1.008 1.182	3.829 5.644
3rd Quarter 1996	4.75	12.22	40.95	86.27	430.77	1.076	5.146
4th Quarter 1996	10.99	11.27	42.39	115.73	443.42	1.186	6.014
Year 1996	5.09	10.74	41.51	86.23	421.00	1.129	4.788
1st Quarter 1997	7.57	11.53	43.05	325.31	492.29	1.345	4.519
2nd Quarter 1997	4.97	10.82	37.73	100.29	350.11	0.979	7.535
3rd Quarter 1997	10.76	11.45	41.99	115.75	392.65	1.184	4.894
4th Quarter 1997	11.50	13.03	43.93	99.93	463.67	1.120	5.578
Year 1997	6.87	11.35	39.76	102.65	403.56	1.094	5.152
1st Quarter 1998	5.55	10.33	39.03	87.62	370.99	1.003	3.933
2nd Quarter 1998	6.16	13.37	41.48	117.30	439.82	1.400	6.532
3rd Quarter 1998	10.97	13.68	49.86	132.85	472.99	1.268	6.058
4th Quarter 1998 Year 1998	5.17	13.44 12.73	47.20 42.75	108.56 99.29	416.20 418.48	1.144 1.219	4.862 5.721
1st Quarter 1999	6.47 8.08	13.16	42.75 44.16	74.64	361.09	1.153	8.583
2nd Quarter 1999	8.30	14.04	44.78	123.68	433.08	1.069	6.969
3rd Quarter 1999	11.50	15.36	43.88	102.39	626.53	1.418	5.924
4th Quarter 1999	4.23	13.47	43.91	125.37	346.51	1.225	10.194
Year 1999	8.57	14.17	44.24	101.95	420.15	1.148	7.088
1st Quarter 2000	8.27	15.02	48.31	152.91	609.09	1.128	7.431
2nd Quarter 2000	9.87	12.51	49.99	89.09	599.48	1.341	9.871
3rd Quarter 2000	5.92	12.64	48.97	107.70	425.63	1.169	6.848
4th Quarter 2000	10.91	11.25	51.71	95.75	401.31	1.073	5.532
Year 2000	8.12	12.28	49.73	102.21	475.55	1.118	6.071
1st Quarter 2001	5.02	14.61	45.20	91.48	552.57	1.483	11.329
2nd Quarter 2001	7.77	19.41	51.06	135.62	357.82	1.342	6.831
3rd Quarter 2001	11.38 12.64	15.86 15.00	55.39 44.10	79.27 123.01	472.08 660.46	1.367 1.321	9.565 8.213
4th Quarter 2001 Year 2001	7.63	16.07	44.10 48.39	99.06	556.10	1.349	8.612
1st Quarter 2002	7.03 7.13	12.59	51.22	99.06 88.13	508.37	1.095	5.292
2nd Quarter 2002	4.15	14.52	53.46	88.42	453.74	1.093	6.724
3rd Quarter 2002	14.09	13.36	54.63	146.20	415.65	1.201	10.544
4th Quarter 2002	7.07	14.11	55.80	182.45	483.82	1.126	7.191
Year 2002	6.32	13.70	54.01	96.99	475.44	1.120	7.160

UNCLASSIFIED
 INCLUDES MISCELLANEOUS METAL